

Please amend the present application as follows:

Claims

The following is a copy of Applicant's claims that identifies language being added with underlining ("___") and language being deleted with strikethrough ("—"), as is applicable:

1. (Currently amended) A method for intercepting an event, the method comprising:

generating an event ~~by~~ with an application program ~~interface~~;

calling an application program interface to process the event;

receiving the event with the application program interface;

automatically determining without prompting from a user if an intercept library is enabled to process the event;

if the intercept library is enabled to process the event, automatically transmitting said—the event from the application program interface to a generic interception communication interface having at least one intercept event send handler, the generic interception communication interface maintaining communication between said—the application program interface and an—the intercept logic—library;

transmitting said—the event from the generic interface communication interface to said—the intercept logic—~~if event participation is enabled~~ library with the at least one send handler;

determining if said—the event is to be processed by said—the intercept logic library; and

if the event is to be processed by the intercept library, processing said the event with the intercept library.

2. (Previously presented) The method of claim 1, further including:
defining a plurality of events to be intercepted.

3. (Currently amended) The method of claim 2, wherein determining if ~~said-the~~ event is to be processed by ~~said-the~~ intercept logic library further includes:
finding ~~said-the~~ event to be processed in ~~said-the~~ plurality of events to be intercepted.

4. (Currently amended) The method of claim 1, wherein ~~said-the~~ event is selected from the group consisting of function calls and operating system calls.

5. (Currently amended) The method of claim 1, wherein ~~said-processing~~ ~~said-the~~ event ~~further~~ includes:
sending a message enabling ~~said-the~~ application program interface to processing of ~~said-the~~ event if ~~said-the~~ intercept logic library cannot process ~~said-the~~ event.

6. (Canceled)

7. (Currently amended) An event interception system for generic interception of events, comprising:
~~means for generating an event;~~
means for receiving and processing ~~said-an~~ event generated by an application program;

means for ~~intercepting~~ determining whether any intercepting means is enabled
to process said the event;

means for transmitting ~~said the event~~ from the receiving and processing means
to ~~said the~~ intercepting means if ~~event the~~ intercepting means is enabled to process the
event; and

~~means for determining if said event is to be processed by said intercepting~~
~~means;~~ intercepting means for receiving and processing the event;

wherein ~~said the~~ means for transmitting ~~said the~~ event ~~further~~ comprises
~~means for sending said event to a~~ generic interception communication interface
having at least one intercept event send handler, ~~said the~~ generic interception
communication interface maintaining communication between ~~said the~~ intercepting
means and ~~said the~~ processing means.

8. (Original) The event interception system of claim 7, further
comprising:

means for defining a plurality of events to be intercepted.

9. (Currently amended) The event interception system of claim 8,
wherein the means for determining whether any intercepting means is enabled ~~if said~~
~~event is to be processed means further comprises:~~

means for finding ~~said the~~ event to be processed in ~~said the~~ plurality of events
to be intercepted.

10. (Currently amended) The event interception system of claim 7, wherein ~~said~~the event is selected from the group consisting of function calls and operating system calls.

11. (Currently amended) The event interception system of claim 7, further comprising:

means for sending a message enabling ~~said~~the processing means to process ~~said~~the event if ~~said~~the intercepting means cannot process ~~said~~the event.

12. (Canceled)

13. (Currently amended) An event interception system for generic interception of events, comprising:

an application program interface that is configured to receiving~~receive~~ a requests for service regarding events generated by an application program, ~~said~~the application program interface generating at least one event to complete said request for service further being configured to determine if an intercept library is enabled to process the events and, if so, transmit the events to the intercept library;

an intercept ~~logic~~library ~~for that is configured to processing~~ an events; and

~~a generic interception communication interface~~ that is configured to transmit events from the application program interface to the intercept library, the generic interception communication interface having at least one intercept event send handler, ~~the generic interception communication interface~~ for maintaining communication between ~~said~~the application program interface and ~~said~~the intercept ~~logic~~library and

~~for transferring said event from said application program interface to said intercept logic if event intercepting is enabled.~~

14-15. (Canceled)

16. (Currently amended) The event interception system of claim 13, wherein ~~said~~ the events ~~is~~ are selected from the group consisting of function calls and operating system calls.

17. (Currently amended) The event interception system of claim 13, wherein ~~said~~ the intercept ~~logic~~ library ~~process~~ is configured to ~~sends a message~~ messages enabling ~~said~~ the application programming interface to ~~processing of said~~ process events if ~~said~~ the intercept ~~logic~~ library cannot process ~~said~~ the events.

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (New) The method of claim 1, wherein processing the event comprises invoking with the intercept library an event program that processes the event.

22. (New) The method of claim 1, further comprising returning an output from the intercept library to the application program interface for transmission to the application program.

23. (New) The event interception system of claim 7, wherein the intercepting means comprises means for invoking an event program that processes events.

24. (New) The event interception system of claim 7, further comprising means for returning an output from the intercepting means to the means for receiving and processing an event.

25. (New) The event interception system of claim 13, wherein the intercept library is further configured to invoke an event program that processes events.

26. (New) The event interception system of claim 13, wherein the intercept library is further configured to return an output to the application program interface.